



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COFC
4

D-1567

Applicant : Toshio Yamamoto et al

Title : RANGE FINDER

Patent No. : 7,046,344 B2

Date of Patent : May 16, 2006

Serial No. : 10/759,278

Filed : January 20, 2004

Group Art Unit : 3662

Examiner :

Hon. Commissioner of Patents and Trademarks
Washington, D. C. 20231

Certificate
JUN 13 2006
of Correction

June 8, 2006

REQUEST FOR ISSUANCE OF CERTIFICATE OF CORRECTION

Sir:

The Letters Patent was issued on May 16, 2006, wherein there are clerical errors as follows:

Please change

column 2, line 17, "PR" to --P_R--,
column 3, line 2, "P₀" to -- P₀) --,
column 3, line 15, "to" to --t₀--,
column 3, line 40, "25°C.," to --25°C.--,
column 3, line 41, "25°C.," to --25°C.--,
column 3, line 44, "7.0 x 10⁻⁵/°C.," to --7.0 x 10⁻⁵/°C.--,
column 3, line 46, "25°C.," to --25°C.--,
column 3, line 54, "b₀ x Δt (τ_L-τ_C) ≈ 0.074mm" to -- b₀ x Δt (τ_L-τ_C) ≈ 0.0074mm--,
column 5, line 52, "bosses" to --bosses)---,
column 7, line 14, "4(c).," to --4(c)--,
column 9, line 38, "25°C.," to --25°C.--, 06/09/2006 SZEWDIE1 00000002 7046344
column 9, line 49, "25°C.," to --25°C.--, 01 FC:1811 100.00 OP
column 9, line 50, "25°C.," to --25°C.--,
column 9, line 53, "4.7 x 10⁻⁶/°C.," to --4.7 x 10⁻⁶/°C.--,
column 9, line 55, "2.5 x 10⁻⁶/°C.," to --2.5 x 10⁻⁶/°C.--,
column 9, line 62, "b₀ x Δt (τ_L-τ_C) ≈ 0.000242mm" to
--b₀ x Δt x (τ_L-τ_C) ≈ 0.000242mm--,
column 9, line 66, "d' = b₀ x f₀ / {X_L+X_R-b₀ x Δt (τ_L-τ_C)} ≈ 1007.38mm" to --d' =
b₀ x f₀ / { (X_L+X_R) -b₀ x Δt x (τ_L-τ_C) } ≈ 1007.38mm--,

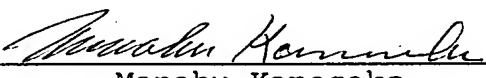
JUN 13 2006

column 10, line 31, " $M_{\Delta 20} = f_0 b / M_{\Delta 20} = 25 \times (1007 - 25) \approx 0.02546$ " to
-- $M_{\Delta 20} = f_0 b / M_{\Delta 20} = 25 / (1007 - 25) \approx 0.02546$ --,
column 11, line 13, "-20°C." to -- -20°C --,
column 14, line 16, there is not line feed between "long hole 104."
and "The reference bosses 116...", and
column 17, line 35, " $S \times \tau_A \times \Delta t$ " to -- $K_S \times \tau_A \times \Delta t$ --.

Attached herewith is a credit card authorization form to cover
the Surcharge for certificate of correction in the amount of \$100.00.

Respectfully submitted,

HAUPTMAN KANESAKA & BERNER
PATENT AGENTS, LLP

by 
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JUN 13 2005

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 7,046,344 B2

DATED: May 16, 2006

INVENTOR(S): Toshio Yamamoto et al

It is certified that errors appear in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Please change column 2, line 17, "PR" to -- P_R --,

Column 3, line 2, "Po" to -- P_0 --,

Column 3, line 15, "to" to -- to --,

Column 3, line 40, "25°C.," to --25°C, --,

Column 3, line 41, "25°C.," to --25°C, --,

Column 3, line 44, " $7.0 \times 10^{-5}/^{\circ}\text{C}.$," to -- $7.0 \times 10^{-5}/^{\circ}\text{C}$, --,

Column 3, line 46, "25°C.," to --25°C, --,

Column 3, line 54, " $b_0 \times \Delta t (\tau_L - \tau_c) \approx 0.074\text{mm}$ " to -- " $b_0 \times \Delta t (\tau_L - \tau_c) \approx 0.0074\text{mm}$ --,

Column 5, line 52, "bosses)" to -- bosses). --,

Column 7, line 14, "4(c).," to -- 4(c), --,

Column 9, line 38, "25°C.," to -- 25°C, --,

Column 9, line 49, "25°C.," to -- 25°C, --,

Column 9, line 50, "25°C.," to -- 25°C, --,

Column 9, line 53, " $4.7 \times 10^{-6}/^{\circ}\text{C}.$," to -- $4.7 \times 10^{-6}/^{\circ}\text{C}$, --,

Column 9, line 55, " $2.5 \times 10^{-6}/^{\circ}\text{C}.$," to -- $2.5 \times 10^{-6}/^{\circ}\text{C}$, --,

Column 9, line 62, " $b_0 \times \Delta t (\tau_L - \tau_c) \approx 0.000242\text{mm}$ "

JUN 19 2006

to -- $b_o \times \Delta t \times (\tau_L - \tau_c) \approx 0.000242 \text{mm}$ --,

Column 9, line 66, " $d' = b_o \times f_o / \{X_L + X_R - b_o \times \Delta t (\tau_L - \tau_c)\} \approx 1007.38 \text{mm}$ "

to -- $d' = b_o \times f_o / \{(X_L + X_R) - b_o \times \Delta t (\tau_L - \tau_c)\} \approx 1007.38 \text{mm}$ --,

Column 10, line 31, " $M_{\Delta 20} = f_{ob} / M_{\Delta 20} = 25 \times (1007 - 25) \approx 0.02546$ "

to -- $M_{\Delta 20} = f_{ob} / M_{\Delta 20} = 25 / (1007 - 25) \approx 0.02546$ --,

Column 11, line 13, "-20°C." to -- -20°C --,

Column 14, line 16, there is not line feed between "long hole 104." and "The reference bosses 116...", and

Column 17, line 35, " $S \times \tau_A \times \Delta t$ " to -- $K_s \times \tau_A \times \Delta t$ --.

MAILING ADDRESS OF SENDER:

PATENT NO. 7,046,344 B2

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JUN 13 2002